

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Amended) A portable image display having data communication function, comprising:

a speaker portion for generating sound,
a microphone portion for picking up sound,
an image display device, and
a viewing optical system for forming an exit pupil to view an image displayed on the image display device and having a generally positive refractive power, wherein:
said portable image display has a body and a frame member,
said frame member is independent of said body and is receivable in said body,
said viewing optical system is constructed of at least one prism member comprising an entrance surface through which a light beam emanating from said image display device is entered into a prism, at least one reflecting surface at which said light beam is reflected within the prism and an exit surface through which said light beam leaves the prism, and
said at least one reflecting surface has a curved surface shape for imparting power to a light beam, said curved surface shape being defined by a rotationally asymmetric surface shape capable of making correction for decentration aberrations.

2. (Currently Amended) A portable image display having data communication function, comprising:

an image display device, and
a viewing optical system for forming an exit pupil to view an image displayed on the image display device and having a generally positive refracting power, wherein:
said viewing optical system comprises a prism ~~portion~~ and a reflecting ~~portion~~ element having a reflecting surface, said prism being a separate optical element from said reflecting element,
said image display device and said prism ~~portion~~ are received in a body of said portable image display,

said reflecting ~~portion~~ element is held by a frame member which is independent of said body, and

said frame member is receivable in said body.

3. (Currently Amended) A portable image display having data communication function, comprising:

a speaker portion for generating sound,

a microphone portion for picking up sound,

an image display device, ~~and~~

a viewing optical system for forming an exit pupil to view an image displayed on the image display device and having a generally positive refracting power, and

an image pickup device and an image pickup optical system for forming an image on the image pickup device, wherein:

said image pickup device is adapted to generate an electrical signal corresponding to said image formed thereon by said image pickup optical system,

said portable image display has a body and a frame member,

said frame member is independent of said body and is receivable in said body,

and

said viewing optical system is constructed of at least one prism member.

4. (Withdrawn) A portable image display having data communication means, which comprises a first image display device having a pixel pitch P_m , a second image display device having a pixel pitch P_n and a viewing optical system for forming an exit pupil to view an image displayed on the first image display device and having a generally positive refracting power, and satisfies the following condition (1):

$$0.01 < P_m/P_n < 0.8 \quad \dots (1)$$

5. (Withdrawn) A portable image display having data communication means, which comprises a data storage means, a means for indicating the end of data reception, an image display device and a viewing optical system for forming an exit pupil to view an image displayed on the image display device and having a generally positive refracting power.

6. (Currently Amended) The portable image display according to claim 2 or 3, wherein:

said viewing optical system comprises at least one prism member comprising an entrance surface through which a light beam emanating from said image device is entered into a prism, at least one reflecting surface at which said light beam is reflected within the prism and an exit surface through which said light beam leaves the prism, and

said at least one reflecting surface has a curved surface shape for imparting power to a light beam, said curved surface shape being defined by a rotationally asymmetric surface shape capable of making correction for decentration aberrations.

7. (Withdrawn) The portable image display according to claim 5, wherein the prism member used for said viewing optical system comprises at least two surfaces for reflecting a light beam within a prism.

8. (Withdrawn) The portable image display according to claim 7, which comprises at least two surfaces for reflecting a light beam within the prism, said at least two surfaces being each defined by a rotationally asymmetric surface shape.

9. (Previously Amended) The portable image display according to claim 1 or 2, which further comprises a data storage device.

10. (Previously Amended) The portable image display according to claim 9, wherein said storage device is built in the body thereof.

11. (Previously Amended) The portable image display according to claim 1 or 2, which further comprises a light source for illuminating said image display device.

12. (Previously Amended) The portable image display according to claim 1 or 2, wherein when an image on said image display device is viewed, said image is turned on the basis of whether the body of said portable image display is held by the right hand or the left hand.

13. (Previously Amended) The portable image display according to claim 1, wherein said microphone portion for picking up sounds extends from the body of said portable image display.

14. (Previously Amended) The portable image display according to claim 1, wherein said speaker portion for generating sound extends from the body of said image display.

15. (Previously Amended) The portable image display according to claim 1, wherein said viewing optical system is mounted in said frame member.

16. (Original) The portable image display according to claim 1 or 2, wherein when said viewing optical system is received in said body, a surface thereof through which a light beam emanating from said image display device leaves is concealed from the outside.

17. (Original) The portable image display according to claim 2, wherein the reflecting surface of said reflecting portion has a curved surface shape for imparting power to a light beam, said curved surface shape being defined by a rotationally asymmetric surface shape capable of making correction of decentration aberrations.

18. (Withdrawn) The portable image display according to claim 4, which further satisfies the following condition (2):

$$0.01 < S_m/S_n < 0.5 \quad \dots (2)$$

where S_m is a display area of said first image display device, and S_n is a display area of said second image display device.

19. (New) A portable image display having data communication function, comprising:

an image display device, and

a viewing optical system for forming an exit pupil to view an image displayed on the image display device and having a generally positive refracting power, wherein:

said viewing optical system comprises a prism portion and a reflecting portion having a reflecting surface,

said image display device and said prism are received in a body of said portable image display,

said reflecting portion is held by a frame member which is independent of said body,

said frame member is receivable in said body

said viewing optical system comprises at least one prism member comprising an entrance surface through which a light beam emanating from said image device is entered into a prism, at least one reflecting surface at which said light beam is reflected within the prism and an exit surface through which said light beam leaves the prism, and

said at least one reflecting surface has a curved surface shape for imparting power to a light beam, said curved surface shape being defined by a rotationally asymmetric surface shape capable of making correction for decentration aberrations.

20. (New) A portable image display according to claim 2, wherein the reflecting surface of said reflecting element reflects at least the light beam from the image display device.